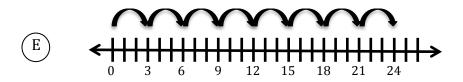
Indicate which models below represent 4×6 .

- (A) 4, 8, 12, 16, 20, 24
- B (1) (1) (1) (1)
- <u>C</u>
- D (1) (1) (1)



Scoring:

2 points: Selected A, B and D only.

1 point: Selected either A and B, A and D, or B and D only.

Selected either A and B, A and D, or B and D and only one other wrong answer.

0 points: Any other combination.

Key and Distractor Analysis:

- A. Key. Skip counting by four six times.
- B. Key. Six groups of four objects each.
- C. An array that does show 24, but not 4×6 , rather 3×8 .
- D. Key. Four groups of six objects each.
- E. A number line that ends at 24, but skips three eight times not four six times, or six four times.

Operations and Algebraic Thinking

3.OA

Represent and solve problems involving multiplication and division.

1. Interpret products of whole numbers, e.g., interpret 5×7 as the total number of objects in 5 'groups of 7 objects each, *or 7 groups of 5 objects each.* For example, describe a context in which a total number of objects can be expressed as 5×7.